14

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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

JNANA BHARATHI
BANGALORE - 560 056

FOR QUALITY & EXCELLENCE IN HIGHER EDUCATION
Accredited by NAAC

BUB/CTE/2012-13 **Date: 22-01-2013**

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements to Kalathur Layout Cross Roads in Ward No 11.}(Kuvempunagara).
Ref.: Letter No. Testing/BUB/2012-13dated 21-01-2013
Sample supplied to lab by : Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore.
Name of the Contractor; Sir R.Nagaraj contractor, Bangalore.

Verified
G.M.MUNIYAPPA 24/01/13
B.E.(ELECT),B.E. (CIVIL)
EXECUTIVE ENGINEER(RTD)
PUBLIC WORKS DEPARTMENT

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53	**100.00**	100
45	**97.50**	95-100
26.5	**---**	-
22.4	**74.40**	60-80
11.2	**53.00**	40-60
4.750	**36.60**	25-40
2.360	**19.50**	15-30
0.600	**14.50**	8--22
0.075	**3.80**	0--8

*As Furnished by Client.
The Results relate only to the items tested

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗ
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23/1/13
AE-11

23/1/2013
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13

BUB/CTE/2012-13

Date: 24-01-2013

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Asphaltic Concrete-SDBC).
{Project*: Improvements to Kalathur Layout Cross Roads in Ward No 11.}(Kuvempunagara).
Ref.: Letter No. Testing/BUB/2012-13dated 21-01-2013
Sample supplied to lab by : Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore.
Name of the Contractor; Sir R.Nagaraj contractor, Bangalore.

TEST RESULTS :

1 The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.08** %

2 **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specfications-2001 (Grading – 2)
13.2	**100.00**	100
9.5	**96.80**	90—100
4.75	**47.50**	35—51
2.36	**28.50**	24—39
1.18	**17.00**	15—30
0.3	**12.50**	09—19
0.075	**3.20**	03—08

*As Furnished by Client.
The Results relate only to the items tested

377
24/1/13

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